

(2)

OIPE

#2

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/844,311

DATE: 05/11/2001
 TIME: 15:21:17

Input Set : A:\06207-1.txt
 Output Set: N:\CRF3\05112001\I844311.raw

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3 <110> APPLICANT: Huang, Yung
 5 <120> TITLE OF INVENTION: Cells for Detection of Enteroviruses
 7 <130> FILE REFERENCE: DHI-06207
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/844,311
 C--> 9 <141> CURRENT FILING DATE: 2001-04-27
 9 <160> NUMBER OF SEQ ID NOS: 4
 11 <170> SOFTWARE: PatentIn version 3.0
 13 <210> SEQ ID NO: 1
 14 <211> LENGTH: 2017
 15 <212> TYPE: DNA
 16 <213> ORGANISM: Homo sapiens
 18 <400> SEQUENCE: 1

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23	cagccagctt	tggaaggccg	tacaagtttt	cccaggagata	ctgtaataac	gtacaaatgt	180
25	gaagaaagct	ttgtgaaaat	tcctggcgag	aaggactcag	tgacctgcct	taagggcatg	240
27	caatggtcag	atattgaaga	gttctgcaat	cgtagctgcg	aggtgccaac	aaggctaaat	300
29	tctgcatccc	tcaaacagcc	ttatatcact	cagaattatt	ttccagtcgg	tactgtttgtg	360
31	gaatatgagt	gcggtccagg	ttacagaaga	gaacctttctc	tatcaccaaa	actaacttgc	420
33	cttcagaatt	taaaatggtc	cacagcagtc	gaattttgta	aaaagaaatc	atgcccta	480
35	ccgggagaaa	tacgaaatgg	tcagattgat	gtaccagggtg	gcatattatt	tggtgcaacc	540
37	atctccttct	catgtaacac	agggtagaaa	ttatttggtc	cgacttctag	tttttgcctt	600
39	atttcaggca	gctctgtcca	gtggagtgc	ccgttgccag	agtgcagaga	aatttattgt	660
41	ccagcaccac	cacaaattga	caatggaata	attcaagggg	aacgtgacca	ttatggatat	720
43	agacagtctg	tacgtagtgc	atgtaataaa	ggattcacca	tgattggaga	gcaactctatt	780
45	tattgtactg	tgaataatga	tgaaggagag	tggagtggcc	caccacctga	atgcagagga	840
47	aaatctctaa	cttccaaggt	cccaccaaca	gttcagaaac	ctaccacagt	aaatgttcca	900
49	actacagaag	tctcaccaac	ttctcagaaa	accaccacaa	aaaccaccac	accaaattgc	960
51	caagcaacac	ggagtacacc	tgtttccagg	acaaccaagc	attttcatga	aacaacccca	1020
53	aataaaggaa	gtggaaccac	ttcaggtagt	accgtctctc	tatctgggca	cacgtgtttc	1080
55	acgttgacag	gtttgcttgg	gacgtagta	accatgggct	tgctgactta	gccaaagaag	1140
57	agtttaagaag	aaaatacaca	caagtataca	gactgttco	agtttcttag	acttatctgc	1200
59	atattggata	aaataaatgc	aattgtgctc	ttcatttagg	atgctttcat	tgtctttaag	1260
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63	gcacacctgc	gcctcttgaa	aatagaacaa	cttgacgaat	tgagagtgat	tcctttccta	1380
65	aaagtgtaa	aaagcataga	gatttgttcg	tattaagaat	gggatcacga	ggaaaagaga	1440
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69	aaatgaaaaa	cattatttgg	atatcaaaa	caaataaaaa	cccaattcag	tctcttctaa	1560
71	gcaaaattgc	taaagagaga	tgaccacatt	ataaagtaat	ctttggctaa	ggcattttca	1620
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81	gtcaaatgtg	taaatcttat	tcctttgtta	tattttattt	tattttattt	tgacagtga	1920
83	cattctgatt	ttacatgtaa	aacaagaaaa	gttgaagaag	atatgtgaag	aaaaatgtat	1980
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88 <210> SEQ ID NO: 2

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91 <213> ORGANISM: Homo sapiens
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98 Leu Leu Leu Val Leu Leu Cys Leu Pro Ala Val Trp Gly Asp Cys Gly
99 20 25 30
101 Leu Pro Pro Asp Val Pro Asn Ala Gln Pro Ala Leu Glu Gly Arg Thr
102 35 40 45
104 Ser Phe Pro Glu Asp Thr Val Ile Thr Tyr Lys Cys Glu Glu Ser Phe
105 50 55 60
107 Val Lys Ile Pro Gly Glu Lys Asp Ser Val Thr Cys Leu Lys Gly Met
108 65 70 75 80
110 Gln Trp Ser Asp Ile Glu Glu Phe Cys Asn Arg Ser Cys Glu Val Pro
111 85 90 95
113 Thr Arg Leu Asn Ser Ala Ser Leu Lys Gln Pro Tyr Ile Thr Gln Asn
114 100 105 110
116 Tyr Phe Pro Val Gly Thr Val Val Glu Tyr Glu Cys Arg Pro Gly Tyr
117 115 120 125
119 Arg Arg Glu Pro Ser Leu Ser Pro Lys Leu Thr Cys Leu Gln Asn Leu
120 130 135 140
122 Lys Trp Ser Thr Ala Val Glu Phe Cys Lys Lys Lys Ser Cys Pro Asn
123 145 150 155 160
125 Pro Gly Glu Ile Arg Asn Gly Gln Ile Asp Val Pro Gly Gly Ile Leu
126 165 170 175
128 Phe Gly Ala Thr Ile Ser Phe Ser Cys Asn Thr Gly Tyr Lys Leu Phe
129 180 185 190
131 Gly Ser Thr Ser Ser Phe Cys Leu Ile Ser Gly Ser Ser Val Gln Trp
132 195 200 205
134 Ser Asp Pro Leu Pro Glu Cys Arg Glu Ile Tyr Cys Pro Ala Pro Pro
135 210 215 220
137 Gln Ile Asp Asn Gly Ile Ile Gln Gly Glu Arg Asp His Tyr Gly Tyr
138 225 230 235 240
140 Arg Gln Ser Val Thr Tyr Ala Cys Asn Lys Gly Phe Thr Met Ile Gly
141 245 250 255
143 Glu His Ser Ile Tyr Cys Thr Val Asn Asn Asp Glu Gly Glu Trp Ser
144 260 265 270
146 Gly Pro Pro Pro Glu Cys Arg Gly Lys Ser Leu Thr Ser Lys Val Pro
147 275 280 285
149 Pro Thr Val Gln Lys Pro Thr Thr Val Asn Val Pro Thr Thr Glu Val
150 290 295 300
152 Ser Pro Thr Ser Gln Lys Thr Thr Thr Lys Thr Thr Thr Pro Asn Ala
153 305 310 315 320
155 Gln Ala Thr Arg Ser Thr Pro Val Ser Arg Thr Thr Lys His Phe His
156 325 330 335
158 Glu Thr Thr Pro Asn Lys Gly Ser Gly Thr Thr Ser Gly Thr Thr Arg
159 340 345 350
161 Leu Leu Ser Gly His Thr Cys Phe Thr Leu Thr Gly Leu Leu Gly Thr

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164 Leu Val Thr Met Gly Leu Leu Thr
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169 <212> TYPE: DNA
170 <213> ORGANISM: Homo sapiens
172 <400> SEQUENCE: 3
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177 cccggctgct gctgctggtg ctggttggtgc tgccggccgt gtggggtgac tgtggccttc 180
179 cccagatgt acctaattgcc cagccagctt tggaaggccg tacaagtttt cccgaggata 240
181 ctgtaataac gtacaaatgt gaagaaagct ttgtgaaaat tcctggcgag aaggactcag 300
183 tgatctgctt taagggcagt caatggtcag atattgaaga gttctgcaat cgtagctgcg 360
185 aggtgccaac aaggctaaat.totgcatccc tcaaacagcc ttatatcact cagaattatt 420
187 ttccagtcgg tactgttggt gaatatgagt gccgtccagg ttacagaaga gaaccttctc 480
189 tatcaccaaa actaacttgc cttcagaatt taaaatggtc cacagcagtc gaattttgta 540
191 aaaagaaatc atgcccctaact cgggagaaaa tacgaaatgg tcagattgat gtaccagggtg 600
193 gcatattatt ttgtgcaacc atctccttct catgtaaacac aggttacaaa ttatttggct 660
195 cgacttctag tttttgtctt atttcaggca gctctgtcca gtggagtgc cgttgccag 720
197 agtgagaga aatttattgt ccagcaccac cacaatttga caatggaata attcaagggg 780
199 aacgtgacca ttatggatat agacagtcgt taacgtatgc atgtaataaa ggattcacca 840
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233 tttggctgta aggcattttc atctttcctt cgggttgga aaatatttta aaggtaaaaac 1860
235 atgctggtga accaggggtg ttgatggtga taaggaggga atatagaatg aaagactgaa 1920
237 tcttcctttg ttgcacaaat agagtttgga aaaagcctgt gaaaggtgtc ttctttgact 1980
239 taatgtcttt aaaagtatcc agagatacta caatattaac ataagaaaag attatatatt 2040
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243 ttatatattat ttatgacagt gaacattctg attttacatg taaaacaaga aaagttgaag 2160
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249 <211> LENGTH: 381
250 <212> TYPE: PRT
251 <213> ORGANISM: Homo sapiens

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253 <400> SEQUENCE: 4

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259 20 25 30
261 Trp Gly Asp Cys Gly Leu Pro Pro Asp Val Pro Asn Ala Gln Pro Ala
262 35 40 45
264 Leu Glu Gly Arg Thr Ser Phe Pro Glu Asp Thr Val Ile Thr Tyr Lys
265 50 55 60
267 Cys Glu Glu Ser Phe Val Lys Ile Pro Gly Glu Lys Asp Ser Val Ile
268 65 70 75 80
270 Cys Leu Lys Gly Ser Gln Trp Ser Asp Ile Glu Glu Phe Cys Asn Arg
271 85 90 95
273 Ser Cys Glu Val Pro Thr Arg Leu Asn Ser Ala Ser Leu Lys Gln Pro
274 100 105 110
276 Tyr Ile Thr Gln Asn Tyr Phe Pro Val Gly Thr Val Val Glu Tyr Glu
277 115 120 125
279 Cys Arg Pro Gly Tyr Arg Arg Glu Pro Ser Leu Ser Pro Lys Leu Thr
280 130 135 140
282 Cys Leu Gln Asn Leu Lys Trp Ser Thr Ala Val Glu Phe Cys Lys Lys
283 145 150 155 160
285 Lys Ser Cys Pro Asn Pro Gly Glu Ile Arg Asn Gly Gln Ile Asp Val
286 165 170 175
288 Pro Gly Gly Ile Leu Phe Gly Ala Thr Ile Ser Phe Ser Cys Asn Thr
289 180 185 190
291 Gly Tyr Lys Leu Phe Gly Ser Thr Ser Ser Phe Cys Leu Ile Ser Gly
292 195 200 205
294 Ser Ser Val Gln Trp Ser Asp Pro Leu Pro Glu Cys Arg Glu Ile Tyr
295 210 215 220
297 Cys Pro Ala Pro Pro Gln Ile Asp Asn Gly Ile Ile Gln Gly Glu Arg
298 225 230 235 240
300 Asp His Tyr Gly Tyr Arg Gln Ser Val Thr Tyr Ala Cys Asn Lys Gly
301 245 250 255
303 Phe Thr Met Ile Gly Glu His Ser Ile Tyr Cys Thr Val Asn Asn Asp
304 260 265 270
306 Glu Gly Glu Trp Ser Gly Pro Pro Glu Cys Arg Gly Lys Ser Leu
307 275 280 285
309 Thr Ser Lys Val Pro Pro Thr Val Gln Lys Pro Thr Thr Val Asn Val
310 290 295 300
312 Pro Thr Thr Glu Val Ser Pro Thr Ser Gln Lys Thr Thr Thr Lys Thr
313 305 310 315 320
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316 325 330 335
318 Thr Lys His Phe His Glu Thr Thr Pro Asn Lys Gly Ser Gly Thr Thr
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324 Gly Leu Leu Gly Thr Leu Val Thr Met Gly Leu Leu Thr
325 370 375 380

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/844,311

DATE: 05/11/2001

TIME: 15:21:18

Input Set : A:\06207-1.txt

Output Set: N:\CRF3\05112001\I844311.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date